Daily Status Th 18-Oct-12

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personnel: JohnM, TomH., KurtK/ChrisG came up today to retension the main tower.

Weather / Ops:

Winds diminished over last night but still probably still more than 'science preferred'. Clear throughout the day with brisk winds and seasonally warm temps. The winds have dropped down by evening (0z for the 19th), so maybe it'll be a good night tonight.

Ingest: BlueTooth AP2 serving Stns 8-13 died last night. Gully is ingesting/archiving AP1, AP3241 for the others ok. See other log entry on Gully/AP comms.

Chadi Sayde came and worked on Christoph's fiber. He installed the new transformer with Kurt's help. The kink in his fiber cable remains but is on the 'turn-around-tower' so they're still getting the lower temp readings. Kurt/Chris checked and retensioned the main tower guys.

Flux Computer Crashes / Sort-of-Fixes:

The Flux computer' fedora/window mgr died and flux had to be rebooted this morning. This occurred later in the day as well. Gordon walked us through 'fixing it up' by removing a 2nd disk, fsck checking the boot disk, updating 'grub' to boot proper fedora linux, startup up automatically better (no 'debug manager', and dsm_server/cockpit autostarts.) However it still appears that the single disk system is sick and will need to be rebuilt in the near future. We are able to run with it for diagnostics still pretty well though.

Sensor Status / Issues:

Overall the sensors continue to perform well and are coming in. Stations remain up and running. The issues noticed:

a17: The comms/dsm BlueTooth has been working pretty well since last night. It only shows drop outs when I the Gully system/AP2 was restarted.

a2: 1m CSAT is having a diag bit error continuing.

a8: TRH mote data loss from ~10:00-16:30MST (16:00-22:30Z). The trh mote was reprogrammed this morning, however, I set it for the incorrect destination port so TRH data was lost until ~16:30MST when it was switched to the serial port.

To Do:

1. A2: Swap CSAT
2. A8: Monitor TRH data to determine if the new software fixed the \r\n bug.
3. Look for 'trh mote' software crc glitches to determine if others need the updated software as well
4. Nurse Flux and have it rebuilt soon.